

Solicitation VA250-13-B-0005

Rehab Basement Building 35

Project 538-13-102

Question and Answers

1. Please verify that **Seismic restraints** are not required for the plumbing & mechanical (HVAC) systems.

Heapy Engineering has advised us that Seismic Restraints are not required for Mechanical & Plumbing systems.

2. Are the corridor floors to be totally leveled using hydraulic cement underlayment or is this leveling process to only extend to the leveling of the areas where the tile cove base has been removed? The drawings are not clear on this. In looking at the Floor Transition Details S1 and S2 (Drawing A803) it appears that some leveling is under the Vinyl Enhanced Tile in the Corridors at the transition to the porcelain tile in the bathrooms. If true, how far does this extend?

*Refer to sheet note 2.18 and details 2 & 3 on sheet A201. The intent is to provide a level surface which is aligned or feathered at edges to match adjacent floor elevations. The floor tile specifications have been revised to reflect this, please refer specifications to 09 30 13 , 09 06 16, 09 65 19 and 03 54 16 for additional information.*

3. How is the leveling to be accomplished in the area at rooms BB113 and BB115. It appears that there is an underlayment shown in transition S2 and it is not there in S1 and the two transitions are right together. Please clarify.

*There is a transition for S1. Please refer to Finish Legend on sheet A801 for S1 & S2, under 'Finish Type' and 'Product/Color' for the transition between rooms.*

4. Is there any other access to the crawlspace (sub-basement) besides the 2' x 2' access door south of the elevators?

There is no other access location.

5. Please verify that 01 00 00 – 1.22 ASBESTOS CONTAMINATED CRAWL SPACE WORK (page 01 00 00-19) also applies to plumbing work required to be performed in the crawlspace.

Section 1.22 ASBESTOS CONTAMINATED CRAWL SPACE WORK is a General Requirement. It applies to all work by all trades.

6. Are there any pictures of the crawlspace (sub-basement)?

Pictures will be attached to this amendment.

7. Can the 6-mil flame-retardant polyethylene sheeting applied over the dirt pathway be left in place after the plumbing & mechanical work has been completed? 01 00 00 – 1.22 ASBESTOS CONTAMINATED CRAWL SPACE WORK (page 01 00 00-20)

Yes, if the contractor chooses to leave the PE sheeting in place he may do so. The spec does not specifically call for its removal. It may be of benefit for future access.

8. Please provide plan/sketch showing area of crawl space where Asbestos is known to be present. Show on the plan access points to crawl space and photos. (area of tie in work)

Pictures are attached

- Access to the crawl space is through an access hatch at the sub-basement level in the building –center stairway.
- As illustrated in the photos, asbestos contamination is in the form of debris and general contamination of the dirt floor.
- The existing insulation on the pipes does not contain asbestos.

9. Pre-Bid question: The question was asked whether we want the contractor to clean the asbestos off the existing pipes at the points of connection for their new lines when they do their work in the sub-basement. This would be assuming that there is asbestos insulation on the existing pipes at the tie-in locations.

It was found that at all points where the new lines tie into the existing piping there is no asbestos insulation on the pipes. So, no, the contractor will not need to clean it off the pipes.

10. The subject of Abatement came up and it was mentioned that the owner would not be abating the area. Both the plans and specifications have abatement in them. I assume the Contractor will be required to abate the areas containing ACM including containment, monitoring etc. Will the Contractor be required to abate the affected areas? If so, I would ask if there is: 1.) an asbestos survey/report for the areas affected showing type and approximate quantity 2.) Abatement plan/phase for this project.

See General Demolition Note Y. on plan sheet A202. See specification section 02 82 13.13 GLOVEBAG ASBESTOS ABATEMENT, part 1.1.2 Extent of Work and section 02 82 13.19 ASBESTOS FLOOR TILE AND MASTIC ABATEMENT SPECIFICATIONS, part 1.1.2 Extent of Work. See specification section 01 00 00 GENERAL REQUIREMENTS, part 1.22 Work Plan Requirements for Contractor Working in Asbestos Contaminated Crawl Space. Note that no abatement is required in the crawl space. This section defines the need for controls associated with construction activities necessary in this space.

11. With exception to Coded Note No. 15, please clarify all ductwork that is required to be stainless steel per specification 23 31 00-3.

There are no additional requirement for stainless steel ductwork other than at the humidifier dispersion tube.

12. Can you please clarify if any return, relief and general exhaust ducts are required to have liner?

Duct liner is not permitted on this project. No ductwork is required to have liner. All supply, return and outside air ductwork in the attic requires board type insulation.

13. If we are required to clean new and existing ducts when new ducts are connected to existing please clarify how much of the existing ductwork needs to be cleaned by mopping and vacuum?

Just the immediate area within reach from the open end of duct.

14. Can you please provide information with regards to specific control system/manufacturer that the existing building and/or campus currently operating under?

The existing campus and building DDC systems are both Tridium Niagara AX. All panels are required (existing and new) to have open licenses.

15. With this area being such a Asbestos Hot Spot, can an allowance be provided for an asbestos abatement contractor come in and properly remove all asbestos debris and pipe covering prior to any work being done by the mechanical contractor?

There are no plans by the VA to remove the asbestos debris. Contractors shall plan for workers to wear respirators and properly contain the asbestos upon departure of the crawl space; or include the removal of the asbestos in their bid.

16. Will the building be occupied at time of construction? YES

17. Can we remove the existing ceiling materials and the area above exposed for a period of time while completing all work above?

The suspended ceiling system is part of the building smoke and fire protection system. At the end of each work shift this barrier must be re-established. This barrier can be a mixture of old and new ceiling panel systems and can even include alternative products in the work area. Alternative materials must be flame retardant and must be approved by the COTR prior to use.

